

Serial No. 10/668,736
Amendment Under 37 C.F.R. 1.116
Reply to final Office Action of Jan. 25, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-18. (Canceled)

19. (Currently amended) An abrasive feature for an abrasive article comprising:
a base; and
a body projecting from the base, the body including a vertex, wherein the body is defined by four distinct sidewalls, and further wherein each of the four distinct sidewalls sidewall is defined by a parabolic section.

20. (Original) The feature of claim 19, wherein the parabolic shape is approximately defined by a series of connected line segments.

21. (Currently amended) The feature of claim 19, wherein each of the four distinct sidewalls sidewall is formed from the same parabolic section, and further each section is defined by the same locus in a mirror image, including an opposed image and left and right images.

22. (New) A method of making an abrasive article, the method comprising:
filling a tool with a slurry, wherein the tool includes a plurality of negative images for forming features having a base and a body, wherein the body includes a vertex, wherein the body is defined by four distinct sidewalls, and further wherein each of the four distinct sidewalls is defined by a parabolic section;
curing the slurry to form the abrasive article.

23. (New) The method of claim 22, further including:
applying a backing to the abrasive article.

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24. (New) The method of claim 23, further including:
removing the article from the tool.
25. (New) The method of claim 23, wherein said curing includes curing out of the tool.